

Table S1. The proportion of non-differential abundant OTUs and differential abundant OTUs with each phylum in PyOM300 and PyOM700 incubated in two soils.

Proportion	PyPs300	PyPs700	PyAr300	PyAr700	
Total non-differential abundant OTUs	41.8%	51.3%	43.0%	66.4%	
Total differential abundant OTUs	58.2%	48.7%	57.0%	33.6%	
Differential abundant OTUs in	<i>Acidobacteria</i>	4.6%	3.9%	4.8%	2.7%
	<i>Actinobacteria</i>	15.2%	11.2%	16.0%	10.2%
	<i>Bacteroidetes</i>	0.2%	0.2%	2.3%	1.6%
	<i>Chloroflexi</i>	20.4%	16.3%	8.1%	4.0%
	<i>Firmicutes</i>	6.2%	6.2%	1.8%	0.8%
	<i>Gemmatimonadetes</i>	0.7%	0.3%	4.1%	1.2%
	<i>Planctomycetes</i>	1.4%	0.8%	1.1%	0.5%
	<i>Proteobacteria</i>	7.8%	7.6%	15.7%	9.5%
	<i>Others</i>	1.6%	2.2%	3.1%	3.0%